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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/843,755	04/30/2001	D. Amnon Silverstein	10992043-1	9186

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EXAMINER

NGUYEN, NHON D

ART UNIT PAPER NUMBER

2179

DATE MAILED: 12/13/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 09/843,755	Applicant(s) SILVERSTEIN, D. AMNON	
	Examiner Nhon (Gary) D. Nguyen	Art Unit 2179	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 15 February 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-17 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-17 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. Applicant's request for reconsideration of the finality of the rejection of the last Office action, via the Appeal Brief filed 02/15/2005, is persuasive and, therefore, the finality of that action is withdrawn.

Claims 1-17 are pending in this application. This action is made non-final.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1-15 are rejected under 35 U.S.C. 102(b) as being anticipated by Tanaka et al. (“Tanaka”, 5,714,972).

As per independent claims 1 and 10, Tanaka teaches a computer implemented method and corresponding system for displaying information related to a physical document comprising the steps/means:

a movable display (e.g., fig. 13; col. 8, lines 55-56) comprising:

means for detecting movement of the movable display relative to a first surface (col. 3, lines 37-55);

means for correlating movement of the movable display to information representing a portion of a first image stored in a database (col. 3, line 56 – col. 4, line 9); and

presenting the information on the movable display (col. 3, lines 60-61).

As per claims 2 and 3, according to Tanaka's teaching at col. 3, line 56 – col. 4, line 9, it is inherent in Tanaka's system that the detecting means is a transducer included within the movable display wherein the transducer is used to correlate movement of the movable display to a change in position on a stored image.

As per claims 4 and 11, Tanaka teaches the detecting means is configured to detect orientation of the movable display (e.g., col. 3, lines 53-55).

As per claims 5, 6 and 12, Tanaka teaches the correlating means includes a processor (col. 7, lines 7-11) and associated memory (col. 7, lines 1-3) wherein the database is stored in a memory on board the movable display (e.g., col. 6, lines 14-15)

As per claims 7, 8, 13 and 14, Tanaka teaches the information is stored in a database remote from the movable display wherein the information stored remote to the movable display is accessed via a wired link (e.g., col. 2, lines 50-54).

As per claims 9 and 15, Tanaka teaches the information stored remote to the movable display is accessed via a wireless link (e.g., col. 2, lines 50-54).

Art Unit: 2179

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 16 is rejected under 35 U.S.C. 103(a) as being unpatentable over Tanaka in view of Cobbley et al. ("Cobbley", US 6,501,464).

As per claim 16, Tanaka does not disclose the first image is an image of a keyboard that can be operated using the moveable display. Cobbley discloses the first image is an image of a keyboard that can be operated using the moveable display at col. 1, lines 8-30. It would have been obvious to an artisan at the time of the invention to use the teaching from Cobbley of operating an image of a keyboard using the movable display in Tanaka's system since it would allow the system using keyboard functionality without the need of a physical keyboard.

6. Claim 17 is rejected under 35 U.S.C. 103(a) as being unpatentable over Tanaka in view of Singh (US 6,359,615).

As per claim 17, Tanaka does not disclose a first portion of the first image is displayed at a first resolution and a second portion of the first image is displayed with a reduced resolution relative to the first resolution. Singh disclose a portion of the first image is displayed at a first resolution (30 of fig. 6) and a second portion of the first image is displayed with a reduced resolution (42 of fig. 6) relative to the first resolution. It would have been obvious to an artisan at the time of the invention to use the teaching from Singh of displaying a portion of the first image at a first resolution and a second portion of the first image with a reduced resolution relative to

the first resolution in Tanaka's system since it would increase the amount of information that can be displayed within a screen.

Inquiries

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nhon (Gary) D. Nguyen whose telephone number is (571)272-4139. The examiner can normally be reached on Monday - Friday with every other Monday off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Weilun Lo can be reached on (571)272-4847. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Nhon (Gary) Nguyen
December 9, 2005


WEILUN LO
SUPERVISORY PATENT EXAMINER